

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A data processing apparatus which can communicate with ~~a plurality of~~ at least one peripheral ~~equipment device~~ through a ~~predetermined~~ communication medium, said data processing apparatus comprising:

obtaining means for obtaining construction information indicating a printing capability of each of the ~~said plurality of~~ at least one peripheral ~~equipment device~~, the construction information being different for different peripheral devices;

set value recognition means for recognizing a current set value for the construction information obtained by said obtaining means

discriminating means for discriminating an overlap state of ~~each an~~ an icon ~~per peripheral equipment in a peripheral equipment list to display statuses of said plurality of~~ representing one of the at least one peripheral ~~equipment device~~ and a cursor which can be moved and indicated; and

control means for, when it is determined by said discriminating means that ~~said the cursor is overlapped on any of the icons per peripheral equipment, allowing the construction information relative to said overlap-indicated icon per peripheral equipment obtained by said obtaining means to be caption-displayed at a position near the icon which is being indicated by said cursor~~ overlapping the icon representing one of the at least one peripheral device, caption-displaying the current set value recognized by said set value recognition means for the construction information of the peripheral device represented by the overlapped icon obtained by said obtaining means at a position near the icon which is

being overlapped by the cursor so that a user may easily select the peripheral device for data output,

wherein the current set value for the construction information to be caption-
displayed indicates a current set value for at least one of color printing, duplex printing, and
media size as a printing capability of the peripheral device.

2. (Currently Amended) ~~An~~ A data processing apparatus according to claim 1, wherein said obtaining means obtains ~~said~~ the construction information by a bidirectional communication from ~~said the at least one peripheral equipment device~~ at a predetermined timing.

3. (Currently Amended) ~~An~~ A data processing apparatus according to claim 1, wherein said obtaining means obtains ~~said the~~ construction information ~~from a driver to control said peripheral equipment~~ at a predetermined timing from a driver to control the at least one peripheral device.

4. (Currently Amended) ~~An~~ A data processing apparatus according to claim 1, ~~further comprising set value recognizing means for recognizing a set value of said construction information, and~~ wherein said control means ~~caption-~~displays the set value of ~~said~~ the construction information so that it can be identified.

5. (Currently Amended) ~~An~~ A data processing apparatus according to claim 1, further comprising print instructing means for instructing a ~~print~~ printing of a target file by overlapping ~~said the~~ target file onto the icon representing per one of the at least one peripheral ~~equipment~~ device and performing a drag and drop,

~~and wherein in the case where said the~~ dragged target file is overlapped on ~~said the~~ icon per representing one of the at least one peripheral ~~equipment~~ device and is in a selecting state as an output destination, ~~said control means allows the construction~~ information relative to said icon per peripheral equipment in which is in a selecting state as an output destination, said control means caption-displays the construction information of the peripheral device represented by the icon in the selecting state to be caption-displayed at a position near the icon in the selecting state.

6. (Currently Amended) ~~An~~ A data processing apparatus according to claim 1, wherein ~~said the~~ at least one peripheral ~~equipment~~ device includes at least one of a printer, a scanner, a facsimile apparatus, a copying apparatus, and a hybrid apparatus combining functionality of two or more of a printer, a scanner, a facsimile apparatus and a copying apparatus.

7. (Currently Amended) ~~An~~ A data processing apparatus according to claim 1, wherein ~~any of said the~~ at least one peripheral ~~equipment~~ device is connected to said data processing apparatus through a serial interface, a parallel interface, a universal serial bus (USB), an ~~IEEE1394~~ IEEE 1394 interface, or a network.

8. (Currently Amended) A data processing apparatus which can communicate with ~~a plurality of~~ at least one peripheral equipment device through a ~~predetermined~~ communication medium, said data processing apparatus comprising:

~~discriminating means for discriminating an overlap state of each an icon per representing one of the at least one peripheral equipment device in a peripheral equipment list to display statuses of said plurality of peripheral equipment and a cursor which can be moved and indicated;~~

~~obtaining means for, when it is determined by said discriminating means that said cursor is overlapped on any of the icons per peripheral equipment, obtaining construction information by a communication from the peripheral equipment relative to said overlap-indicated icon per peripheral equipment; and~~

~~control means for allowing the construction information obtained by said obtaining means to be caption-displayed at a position near the icon which is being indicated by said cursor~~ overlapping the icon representing one of the at least one peripheral device, obtaining construction information by a communication from the peripheral device represented by the overlapped icon, the construction information indicating a printing capability of the peripheral device and being different for different peripheral devices;

set value recognition means for recognizing a current set value for the construction information obtained by said obtaining means; and

control means for caption-displaying the current set value recognized by said set value recognition means for the construction information obtained by said obtaining means at a position near the icon which is being overlapped by the cursor so that a user may easily select the peripheral device for data output,

wherein the current set value for the construction information to be caption-
displayed indicates a current set value for at least one of color printing, duplex printing, and
media size as a printing capability of the peripheral device.

9. (Currently Amended) A data processing method of a data processing apparatus which can communicate with ~~a plurality of~~ at least one peripheral equipment device through a ~~predetermined~~ communication medium, said data processing method comprising:

~~an obtaining step of obtaining construction information of said plurality of peripheral equipment;~~

~~a discriminating step of discriminating an overlap state of each icon per peripheral equipment in a peripheral equipment list to display statuses of said plurality of peripheral equipment and a cursor which can be moved and indicated; and~~

~~a display step of, when it is determined by said discriminating step that said cursor is overlapped on any of the icons per peripheral equipment, allowing the construction information relative to said overlap-indicated icon per peripheral equipment obtained by said obtaining step to be caption-displayed at a position near the icon which is being indicated by said cursor~~ indicating a printing capability of each of the at least one peripheral device, the construction information being different for different peripheral devices;

a recognition step of recognizing a current set value for the construction information obtained in said obtaining step;

a discriminating step of discriminating an overlap state of an icon representing one of the at least one peripheral device and a cursor which can be moved and indicated; and

a display step of, when it is determined in said discriminating step that the cursor is overlapping the icon representing one of the at least one peripheral device, caption-displaying the current set value recognized in said recognition step for the construction information of the peripheral device represented by the overlapped icon obtained in said obtaining step at a position near the icon which is being overlapped by the cursor so that a user may easily select the peripheral device for data output,

wherein the current set value for the construction information to be caption-displayed indicates a current set value for at least one of color printing, duplex printing, and media size as a printing capability of the peripheral device.

10. (Currently Amended) A data processing method according to claim 9, wherein in said obtaining step, ~~said~~ the construction information is obtained by a bidirectional communication ~~is obtained~~ from ~~said~~ the at least one peripheral ~~equipment~~ device at a predetermined timing.

11. (Currently Amended) A data processing method according to claim 9, wherein in said obtaining step, ~~said~~ the construction information is obtained ~~from a driver to control said peripheral equipment~~ at a predetermined timing from a driver to control the at least one peripheral device.

12. (Currently Amended) A data processing method according to claim 9, further comprising ~~a set value recognizing step of recognizing a set value of said construction information, and~~ wherein in said display step, the set value of ~~said the~~ construction information is caption-displayed so that it can be identified.

13. (Currently Amended) A data processing method according to claim 9, further comprising a print instructing step of instructing a ~~print~~ printing of a target file by overlapping ~~said the~~ target file onto the icon ~~per peripheral~~ representing one of the at least one peripheral equipment device and performing a drag and drop,

and wherein in the case where ~~said the~~ dragged target file is overlapped on ~~the said icon per~~ representing the peripheral equipment device and which is in a selecting state as an output destination, ~~in said display step,~~ the construction information ~~relative to said of the icon per peripheral equipment device represented by the icon~~ in the selecting state is caption-displayed in said display step at a position near the icon in the selecting state.

14. (Currently Amended) A data processing method according to claim 9, wherein ~~said the at least one peripheral equipment device~~ includes at least one of a printer, a scanner, a facsimile apparatus, a copying apparatus, and a hybrid apparatus combining functionality of two or more of a printer, a scanner, a facsimile apparatus and a copying apparatus.

15. (Currently Amended) A data processing method according to claim 9, wherein ~~any of said~~ the at least one peripheral equipment device is connected to ~~said the~~ data processing apparatus through a serial interface, a parallel interface, a universal serial bus (USB), an ~~IEEE1394~~ IEEE 1394 interface, or a network.

16. (Currently Amended) A data processing method of a data processing apparatus which can communicate with ~~a plurality of~~ at least one peripheral equipment device through a ~~predetermined~~ communication medium, said data processing comprising:

a discriminating step of discriminating an overlap state of ~~each an icon per~~ representing one of the at least one peripheral equipment device in a peripheral equipment list to display statuses of said plurality of peripheral equipment and a cursor which can be moved and indicated;

an obtaining step of, when it is determined by in said discriminating step that ~~said the~~ cursor is overlapped on any of the icons per peripheral equipment, obtaining construction information by a communication from the peripheral equipment relative to ~~said overlap-indicated icon per peripheral equipment, and~~

a display step of allowing the construction information obtained by said obtaining step to be caption-displayed at a position near the icon which is being indicated by ~~said cursor~~ overlapping the icon representing one of the at least one peripheral device, obtaining construction information by a communication from the peripheral device represented by the overlapped icon, the construction information indicating a printing capability of the peripheral device and being different for different peripheral devices;

a recognition step of recognizing a current set value for the construction information obtained in said obtaining step; and

a display step of caption-displaying the current set value recognized in said recognition step for the construction information obtained in said obtaining step at a position near the icon which is being overlapped by the cursor so that a user may easily select the peripheral device for data output,

wherein the current set value for the construction information to be caption-displayed indicates a current set value for at least one of color printing, duplex printing, and media size as a printing capability of the peripheral device.

17. (Currently Amended) A computer-readable memory medium which stores a program to control a data processing apparatus which can communicate with a plurality of at least one peripheral equipment device through a predetermined communication medium, wherein said program comprises:

~~an obtaining step of obtaining construction information of said plurality of peripheral equipment;~~

~~a discriminating step of discriminating an overlap state of each icon per peripheral equipment in a peripheral equipment list to display statuses of said plurality of peripheral equipment and a cursor which can be moved and indicated; and~~

~~a display step of, when it is determined by said discriminating step that said cursor is overlapped on any of the icons per peripheral equipment, allowing the construction information relative to said overlap-indicated icon per peripheral equipment~~

~~obtained by said obtaining step to be caption-displayed at a position near the icon which is being indicated by said cursor~~ indicating a printing capability of each of the at least one peripheral device, the construction information being different for different peripheral devices;

a recognition step of recognizing a current set value for the construction information obtained in said obtaining step;

a discriminating step of discriminating an overlap state of an icon representing one of the at least one peripheral device and a cursor which can be moved and indicated; and

a display step of, when it is determined in said discriminating step that the cursor is overlapping the icon representing one of the at least one peripheral device, caption-displaying the current set value recognized in said recognition step for the construction information of the peripheral device represented by the overlapped icon obtained in said obtaining step at a position near the icon which is being overlapped by the cursor so that a user may easily select the peripheral device for data output,

wherein the current set value for the construction information to be caption-displayed indicates a current set value for at least one of color printing, duplex printing, and media size as a printing capability of the peripheral device.

18. (Currently Amended) A medium according to claim 17, wherein in said obtaining step, ~~said the~~ the construction information is obtained by a bidirectional communication ~~is obtained from said the at least one peripheral equipment device~~ at a predetermined timing.

19. (Currently Amended) A medium according to claim 17, wherein in said obtaining step, ~~said~~ the construction information is obtained at a predetermined timing from a driver to control ~~said~~ the at least one peripheral equipment ~~at a predetermined timing~~ device.

20. (Currently Amended) A medium according to claim 17, wherein ~~said~~ program further comprises a set value recognizing step of recognizing a set value of said ~~construction information, and in said display step,~~ the set value of ~~said~~ the construction information is caption-displayed in said display step so that it can be identified.

21. (Currently Amended) A medium according to claim 17, wherein said program further comprises a print instructing step of instructing a ~~print~~ printing of a target file by overlapping ~~said~~ the target file onto the icon ~~per~~ representing one of the at least one peripheral equipment device and performing a drag and drop,

~~and wherein~~ in the case where ~~said~~ the dragged target file is overlapped on ~~said~~ the icon ~~per~~ representing the peripheral equipment device ~~and is in a selecting state as an output destination, in said display step, the construction information relative to said icon per peripheral equipment in which is in a selecting state as an output destination, the construction information of the peripheral device represented by the icon in the selecting state is caption-displayed at a position near the icon in the selecting state.~~

22. (Currently Amended) A medium according to claim 17, wherein ~~said~~ the at least one peripheral equipment device includes at least one of a printer, a scanner, a facsimile apparatus, a copying apparatus, and a hybrid apparatus combining functionality of two or more of a printer, a scanner, a facsimile apparatus and a copying apparatus.

23. (Currently Amended) A medium according to claim 17, wherein any of ~~said~~ the at least one peripheral equipment device is connected to ~~said~~ the data processing apparatus through a serial interface, a parallel interface, a universal serial bus (USB), an ~~IEEE1394~~ IEEE 1394 interface, or a network.

24. (Currently Amended) A computer-readable memory medium which stores a program to control a data processing apparatus which can communicate with a plurality of at least one peripheral equipment device through a predetermined communication medium, wherein said program comprises:

a discriminating step of discriminating an overlap state of ~~each~~ an icon ~~per representing one of the at least one peripheral equipment device in a peripheral equipment list to display statuses of said plurality of peripheral equipment~~ and a cursor which can be moved and indicated;

an obtaining step of, when it is determined ~~by~~ in said discriminating step that ~~said~~ the cursor is overlapped on any of the icons ~~per peripheral equipment~~, obtaining construction information by a communication from the peripheral equipment relative to ~~said overlap-indicated icon per peripheral equipment, and~~

~~a display step of allowing the construction information obtained by said~~
~~obtaining step to be caption-displayed at a position near the icon which is being indicated~~
~~by said cursor overlapping the icon representing one of the at least one peripheral device,~~
~~obtaining construction information by a communication from the peripheral device~~
~~represented by the overlapped icon, the construction information indicating a printing~~
~~capability of the peripheral device and being different for different peripheral devices;~~

~~a recognition step for recognizing a current set value for the construction~~
~~information obtained in said obtaining step; and~~

~~a display step of caption-displaying the current set value recognized in said~~
~~recognition step for the construction information obtained in said obtaining step at a~~
~~position near the icon which is being overlapped by the cursor so that a user may easily~~
~~select the peripheral device for data output,~~

~~wherein the current set value for the construction information to be caption-~~
~~displayed indicates a current set value for at least one of color printing, duplex printing, and~~
~~media size as a printing capability of the peripheral device.~~

25. (Currently Amended) A computer-readable program to control a data
processing apparatus which can communicate with ~~a plurality of~~ at least one peripheral
~~equipment device~~ through a ~~predetermined~~ communication medium, said program
comprising:

~~an obtaining step of obtaining construction information of said plurality of~~
~~peripheral equipment;~~

~~a discriminating step of discriminating an overlap state of each icon per peripheral equipment in a peripheral equipment list to display statuses of said plurality of peripheral equipment and a cursor which can be moved and indicated; and~~

~~a display step of, when it is determined by said discriminating step that said cursor is overlapped on any of the icons per peripheral equipment, allowing the construction information relative to said overlap-indicated icon per peripheral equipment obtained by said obtaining step to be caption-displayed at a position near the icon which is being indicated by said cursor indicating a printing capability of each of the at least one peripheral device, the construction information being different for different peripheral devices;~~

~~a recognition step of recognizing a current set value for the construction information obtained in said obtaining step;~~

~~a discriminating step of discriminating an overlap state of an icon representing one of the at least one peripheral device and a cursor which can be moved and indicated; and~~

~~a display step of, when it is determined in said discriminating step that the cursor is overlapping the icon representing one of the at least peripheral device, caption-displaying the current set value recognized in said recognition step for the construction information of the peripheral device represented by the overlapped icon obtained in said obtaining step at a position near the icon which is being overlapped by the cursor so that a user may easily select the peripheral device for data output,~~

wherein the current set value for the construction information to be caption-
displayed indicates a current set value for at least one of color printing, duplex printing, and
media size as a printing capability of the peripheral device.

26. (Currently Amended) A program according to claim 25, wherein in said obtaining step, said construction information is obtained by a bidirectional communication ~~is obtained from said~~ the at least one peripheral equipment device at a predetermined timing.

27. (Currently Amended) A program according to claim 25, wherein in said obtaining step, ~~said~~ the construction information is obtained ~~from a driver to control said peripheral equipment~~ at a predetermined timing from a driver to control the at least one peripheral device.

28. (Currently Amended) A program according to claim 25, ~~further comprising a set value recognizing step of recognizing a set value of said construction information, and~~ wherein in said display step, the set value of ~~said~~ the construction information is caption-displayed so that it can be identified.

29. (Currently Amended) A program according to claim 25, further comprising a print instructing step of instructing a ~~print~~ printing of a target file by overlapping ~~said~~ the target file onto the icon ~~per~~ representing the peripheral equipment device and performing a drag and drop,

and wherein in the case where ~~said~~ the dragged target file is overlapped on ~~said~~ the icon ~~per representing the peripheral equipment device and which~~ is in a selecting state as an output destination, ~~in said display step~~, the construction information ~~relative to~~ ~~said~~ of the icon per peripheral equipment device represented by the icon in the selecting state is caption-displayed in said display step at a position near the icon in the selecting state.

30. (Currently Amended) A program according to claim 25, wherein ~~said~~ the at least one peripheral equipment device includes at least one of a printer, a scanner, a facsimile apparatus, a copying apparatus, and a hybrid apparatus combining functionality of two or more of a printer, a scanner, a facsimile apparatus and a copying apparatus.

31. (Currently Amended) A program according to claim 25, wherein ~~any of~~ ~~said~~ the at least one peripheral equipment device is connected to ~~said~~ the data processing apparatus through a serial interface, a parallel interface, a universal serial bus (USB), an ~~IEEE1394~~ IEEE 1394 interface, or a network.

32. (Currently Amended) A computer-readable program to control a data processing apparatus which can communicate with ~~a plurality of~~ at least one peripheral equipment device through a ~~predetermined~~ communication medium, said program comprising:

a discriminating step of discriminating an overlap state of ~~each~~ an icon ~~per representing one of the at least one peripheral equipment device in a peripheral equipment~~

list to display statuses of said plurality of peripheral equipment and a cursor which can be moved and indicated;

an obtaining step of, when it is determined by in said discriminating step that said the cursor is overlapped on any of the icons per peripheral equipment, obtaining construction information by a communication from the peripheral equipment relative to said overlap-indicated icon per peripheral equipment; and

a display step of allowing the construction information obtained by said obtaining step to be caption-displayed at a position near the icon which is being indicated by said cursor overlapping the icon representing one of the at least one peripheral device, obtaining construction information by a communication from the peripheral device represented by the overlapped icon, the construction information indicating a printing capability of the peripheral device and being different for different peripheral devices;

a recognition step for recognizing a current set value for the construction information obtained in said obtaining step; and

a display step of caption-displaying the current set value recognized in said recognition step for the construction information obtained in said obtaining step at a position near the icon which is being overlapped by the cursor so that a user may easily select the peripheral device for data output,

wherein the current set value for the construction information to be caption-displayed indicates a current set value for at least one of color printing, duplex printing, and media size as a printing capability of the peripheral device.